

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
455 12TH STREET, S.W.
WASHINGTON, D.C. 20554

News media information 202/418-0500 Fax-On-Demand 202/418-2830

Released: May 1, 2001

Report No. 345 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 3/1/02 to 4/1/02:

- **WC2XUK GLOBAL ATMOSPHERICS, INC. 0272-EX-PL-2001**
New experimental to operate in 55-59, and 61-65 MHz for simulation of lightning discharge using pulsed VHF signals.
Mobile: Tower Peak (Tucson), AZ
- **WC2XSE AGILENT TECHNOLOGIES 0192-EX-PL-2001**
New experimental to operate in 1790 - 29710 kHz for signal detection and collection.
Fixed: Columbia, MD
- **WC2XUX GROVE ENTERPRISES, INC. 0002-EX-PL-2002**
New experimental to operate on 4048 kHz, 6863 kHz, 9205 kHz, 10547 kHz, 148.735 MHz, 149.46 MHz, and 150.415 MHz for antenna testing and development.
Fixed: Brasstown, NC
- **WC2XQG UC DAVIS BODEGA MARINE LABORATORY 0097-EX-PL-2001**
New experimental to operate in 12.06, 12.14, 12.2, 13.46, 13.51, 13.57, and 13.63 MHz for study of marine environments
Fixed & Mobile: Bodega Bay (Sonoma), CA; Pt. Reys Station (Marin), CA; Fort Ross (Sonoma), CA
- **WC2XOG MICROWAVE RADIO COMMUNICATIONS 0029-EX-PL-2001**
New experimental to operate in 150 - 86000 MHz for microwave equipment demonstrations.
Mobile: Temporary fixed at locations throughout the United States
- **WC2XUU ITRON, INC. 0296-EX-PL-2001**
New experimental to operate in 183.5-184.5, 433.05-434.79 and 868-870 MHz to operate European utility meter readers.
Fixed & Mobile: Waseca (Waseca), MN
- **WC2XVO SIGFX LLC 0020-EX-PL-2002**
New experimental to operate in 192-198 and 662-668 MHz for test, development, and demonstration of digital communications during the vertical blanking interval of a television signal.
Fixed: Jackson, MS; Jackson/Ridgeland, MS

- **WC2XUY FUNTECH SYSTEMS 0011-EX-PL-2002**
 New experimental to operate in 450-470 MHz for testing a motion measurement system.
 Mobile: Central Florida
- **WC2XSG IP MOBILE NET 0198-EX-PL-2001**
 New experimental to operate in 462-467 MHz for land mobile communications.
 Fixed: Santa Fe Springs, CA
- **WC2XVL TEXAS INSTRUMENTS, INC 0044-EX-PL-2002**
 New experimental to operate in 824-849, 869-894, 1850-1910, 1930-1990, and 2150-2160 MHz for test and development of 3G technology.
 Fixed: Burlington (Middlesex), MA
- **WC2XVM SPACE DATA CORPORATION 0043-EX-PL-2002**
 New experimental to operate in 901.15-901.2, 901.3-901.4, 901.45-901.7, 901.85-901.9, 930-930.4, 930.5-930.55, 940.15-940.2, 940.3-940.4, and 940.45-940.75 MHz for test and development of high altitude balloon-based communications system.
 Mobile: Continental United States
- **WC2XVH IDEALOGIX INC 0003-EX-PL-2002**
 New experimental to operate in 902 MHz and 2450 MHz to develop Part 15 video equipment.
 Fixed: Framingham, MA
- **WC2XUT SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT 0010-EX-PL-2002**
 New experimental to operate on 915 MHz to operate a wind profiler radar for meteorological studies.
 Fixed: El Toro/Irvine (Orange), CA
- **WC2XSK CATERPILLAR OF DELAWARE, INC. 0202-EX-PL-2001**
 New experimental to operate in 1575.42 MHz for testing of GPS pseudolite system.
 Fixed: East Peoria (Tazewell), IL; Mossville (Peoria). IL; Green Valley (Pima), AZ
- **WC2XSM BROADSTORM TELECOMMUNICATIONS, INC. 0204-EX-PL-2001**
 New experimental to operate in 1785 - 1805 MHz to test broadband wireless for export.
 Fixed: Klamath Falls (Klamath), OR
- **WC2XUW CALIFORNIA AMPLIFIER INC. 0268-EX-PL-2001**
 New experimental to operate in 2150-2162 MHz and 2500-2686 MHz for development of equipment to transmit high speed data.
 Mobile: South Mountain (Ventura), CA
- **WC2XSB CONSULTING & ENGINEERING NEXT GENERATION NETWORKS (CENGEN INC.) 0188-EX-PL-2001**
 New experimental to operate in 2400 - 2473 MHz to operate a remote controlled Off-Road Robot.
 Mobile: Fort AP Hill, VA
- **WC2XSC CONSULTING & ENGINEERING NEXT GENERATION NETWORKS (CENGEN) 0190-EX-PL-2001**
 New experimental to operate in 2400 - 2743 MHz to operate mobile radio networking.
 Mobile: Lakehurst, NJ
- **WC2XSU CONSULTING & ENGINEERING NEXT GENERATION NETWORKS (CENGEN INC.) 0220-EX-PL-2001**
 New experimental to operate in 2400-2473 MHz to operate a remote controlled Off-Road Robot.
 Mobile: Columbia, MD

- **WC2XVR BEAMREACH NETWORKS, INC. 0006-EX-PL-2002**
 New experimental to operate in 2500-2640 MHz for development and demonstration of point to multi-point equipment.
 Fixed: Sunnyvale, CA; Mountain View, CA
- **WC2XVN SYNTECH MICROWAVE, INC. 0049-EX-PL-2002**
 New experimental to operate on 5725-5825 MHz for test and development of NII technology
 Fixed & Mobile: Nashua (Hillsborough), NH
- **WC2XUZ RAYTHEON COMPANY 0021-EX-PL-2002**
 New experimental to operate in 5780-5830 MHz for test and development of intelligent highway systems for export.
 Fixed: Fullerton (Orange), CA
- **WC2XUM L-3 COMMUNICATIONS CORPORATION 0275-EX-PL-2001**
 New experimental to operate in 5800-64250 MHz to operate a ship to shore Satcom link.
 Fixed: Hanahan, SC
- **WC2XVE THE BOEING COMPANY 0145-EX-PL-2001**
 New experimental to operate in 14-14.5 GHz to test 873 element phased array antenna.
 Mobile: Continental United States, Alaska & Hawaii
- **WC2XRL MITRE CORPORATION 0160-EX-PL-2001**
 New experimental to operate in 14-14.5 GHz to operate Satcom on mobile land vehicles.
 Mobile: Bedford, MA
- **WC2XVJ SARNOFF CORPORATION 0034-EX-PL-2002**
 New experimental to operate in 14-14.5 GHz for test and development of portable satellite terminal system.
 Fixed: Princeton (Mercer), NJ
- **WC2XUJ ENSEMBLE COMMUNICATIONS INC. 0217-EX-PL-2001**
 New experimental to operate in 24.5-40 GHz for wireless base/hub unit development.
 Fixed: San Diego, CA
- **WC2XVQ WYTEC, INCORPORATED 0030-EX-PL-2002**
 New experimental to operate in 40.5 -41 GHz for test and development of LMDS technology for export.
 Fixed: Santa Clara (Santa Clara), CA